

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077527.D
 Acq On : 29 Apr 2023 18:29
 Operator : JC\MD
 Sample : 02503-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-305A-VOC-01

Quant Time: May 01 01:25:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

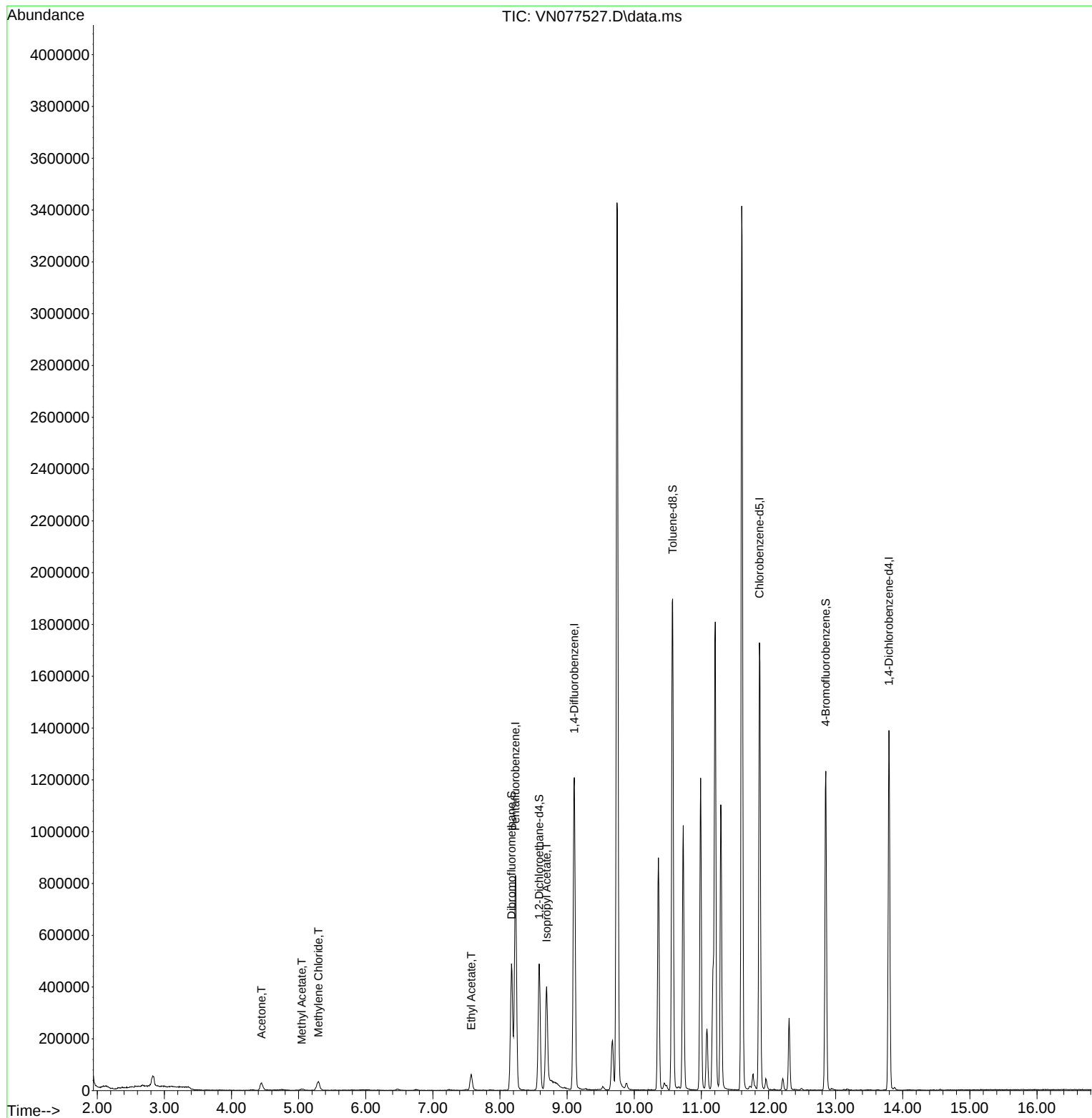
Internal Standards						
1) Pentafluorobenzene	8.231	168	593764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1133947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1054125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	369544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	394028	50.856	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.720%	
35) Dibromofluoromethane	8.172	113	347014	50.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.840%	
50) Toluene-d8	10.572	98	1399649	53.583	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.160%	
62) 4-Bromofluorobenzene	12.854	95	444681	52.033	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.060%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	52218	21.184	ug/l	96
18) Methyl Acetate	5.048	43	10249	1.077	ug/l	98
20) Methylene Chloride	5.295	84	32139	4.111	ug/l	89
37) Ethyl Acetate	7.572	43	84715	11.322	ug/l	97
43) Isopropyl Acetate	8.695	43	446218	34.473	ug/l #	87

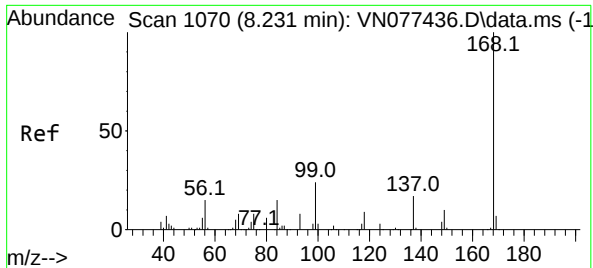
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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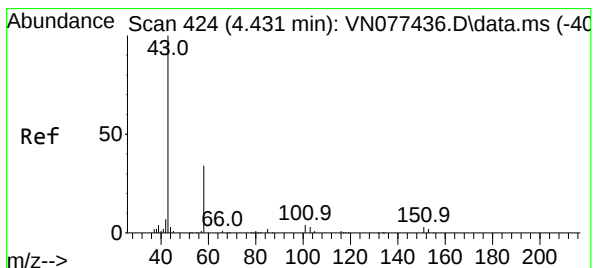
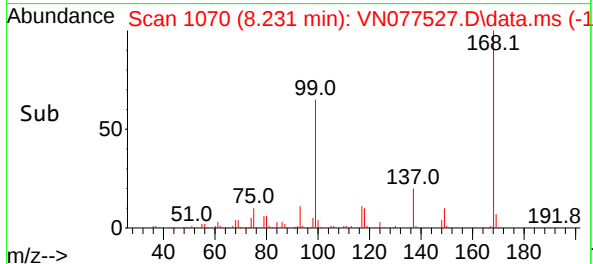
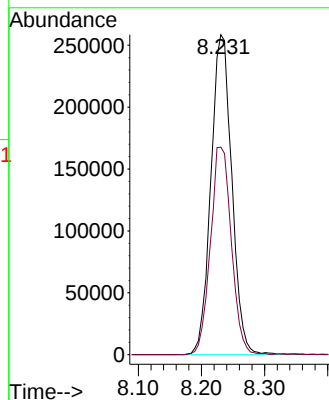
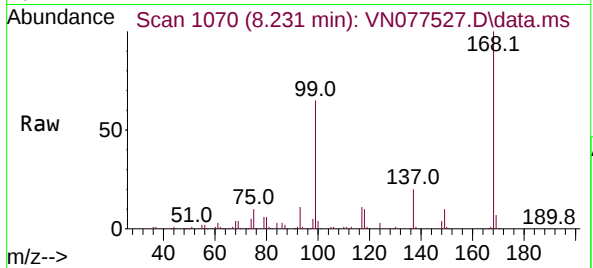




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077527.D
Acq: 29 Apr 2023 18:29

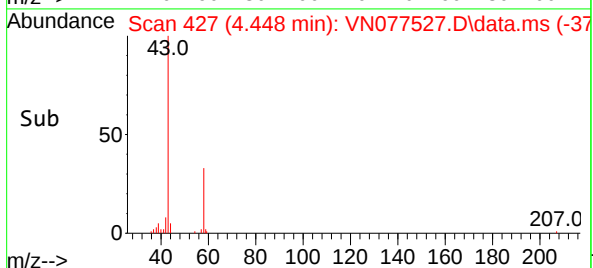
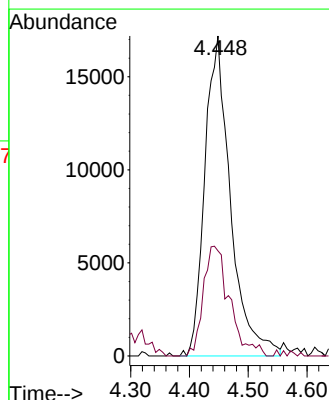
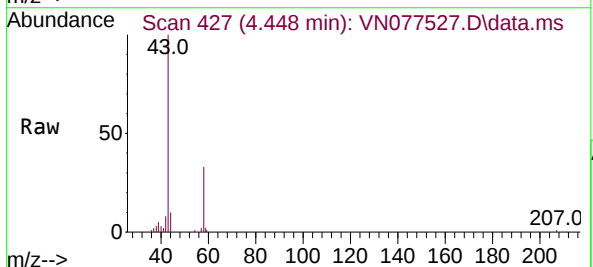
Instrument :
MSVOA_N
ClientSampleId :
TR-305A-VOC-01

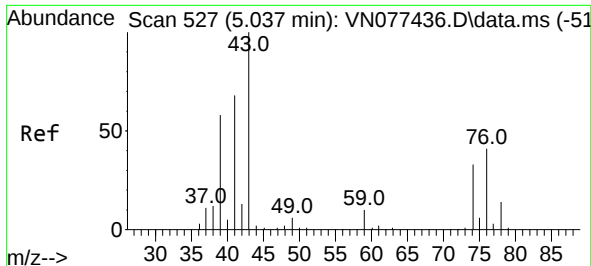
Tgt Ion:168 Resp: 593764
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6



#16
Acetone
Concen: 21.184 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN077527.D
Acq: 29 Apr 2023 18:29

Tgt Ion: 43 Resp: 52218
Ion Ratio Lower Upper
43 100
58 32.8 28.0 42.0

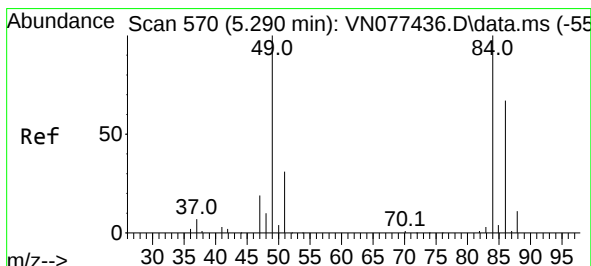
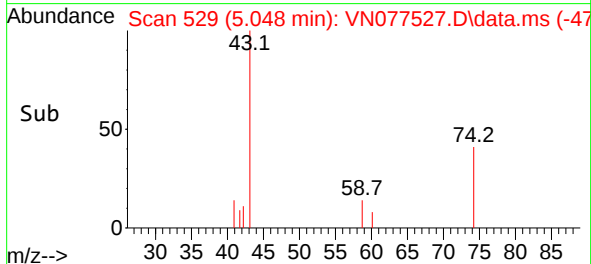
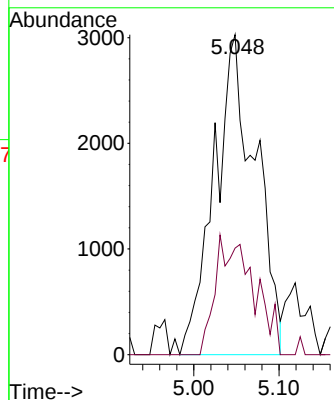
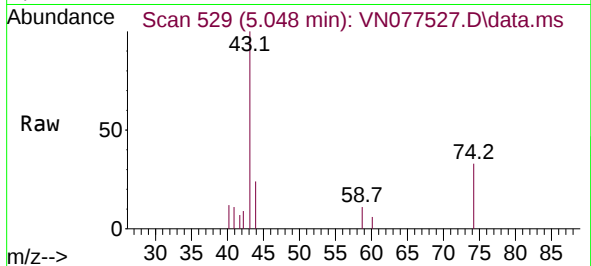




#18
Methyl Acetate
Concen: 1.077 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077527.D
Acq: 29 Apr 2023 18:29

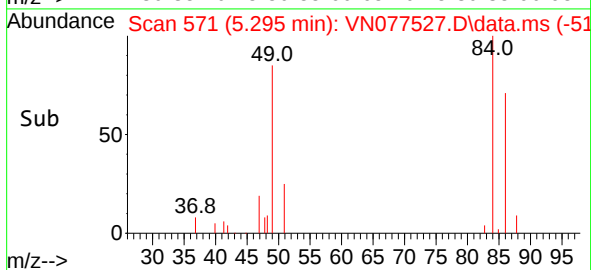
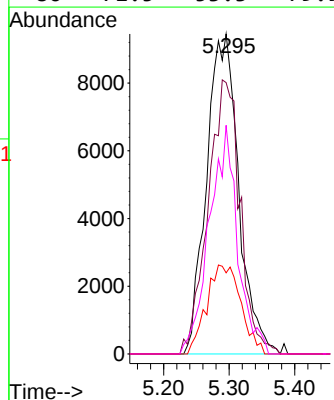
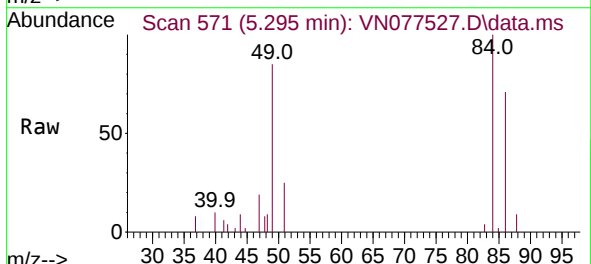
Instrument :
MSVOA_N
ClientSampleId :
TR-305A-VOC-01

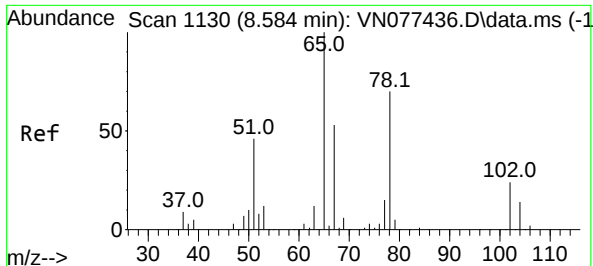
Tgt Ion: 43 Resp: 10249
Ion Ratio Lower Upper
43 100
74 34.2 26.2 39.4



#20
Methylene Chloride
Concen: 4.111 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN077527.D
Acq: 29 Apr 2023 18:29

Tgt Ion: 84 Resp: 32139
Ion Ratio Lower Upper
84 100
49 84.8 79.7 119.5
51 25.4 25.2 37.8
86 71.5 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 50.856 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077527.D

Acq: 29 Apr 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

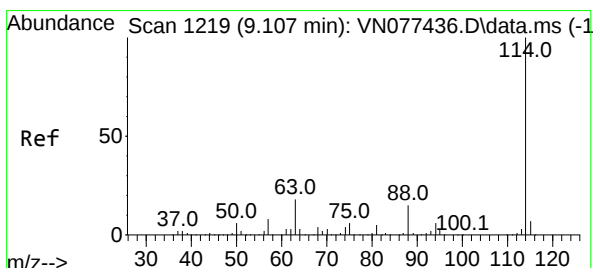
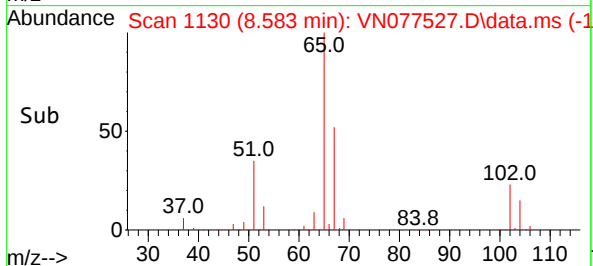
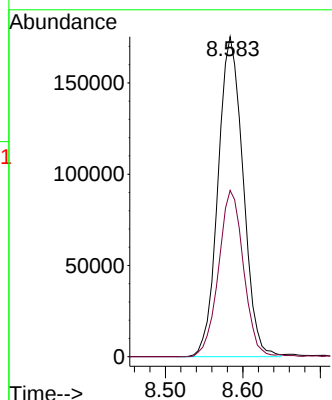
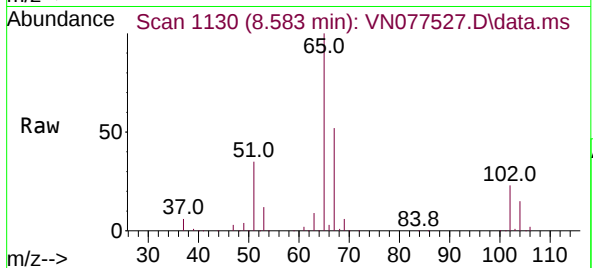
TR-305A-VOC-01

Tgt Ion: 65 Resp: 394028

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077527.D

Acq: 29 Apr 2023 18:29

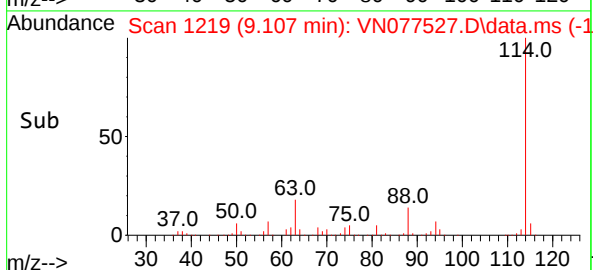
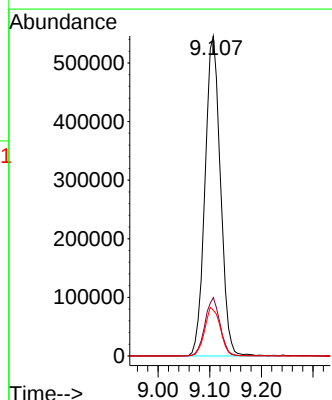
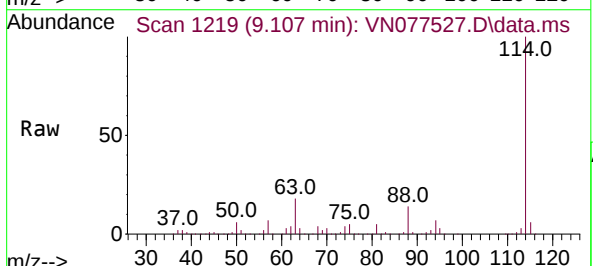
Tgt Ion: 114 Resp: 1133947

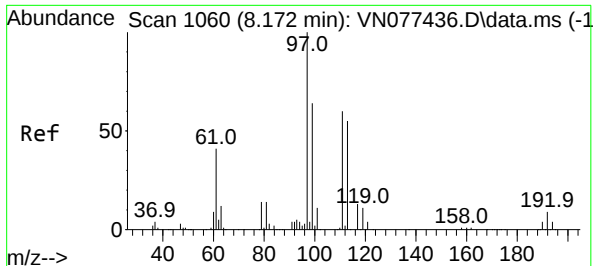
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 14.3 0.0 30.6

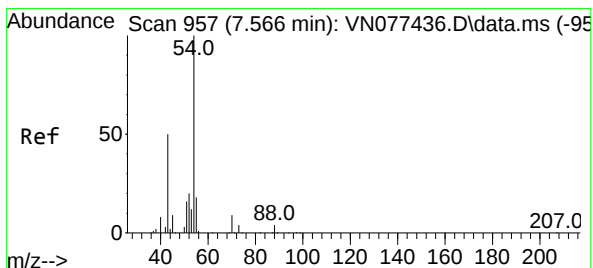
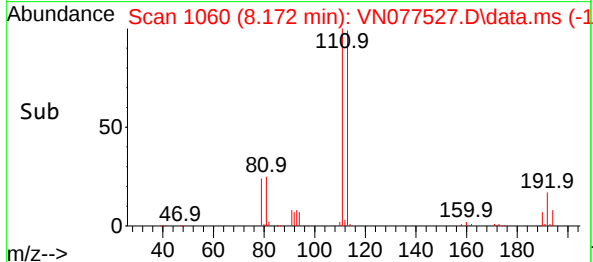
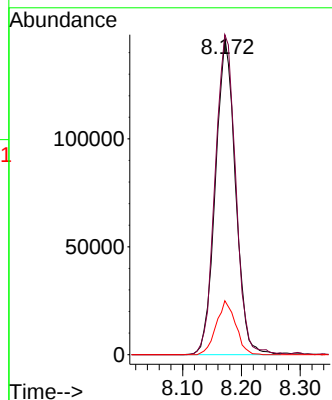
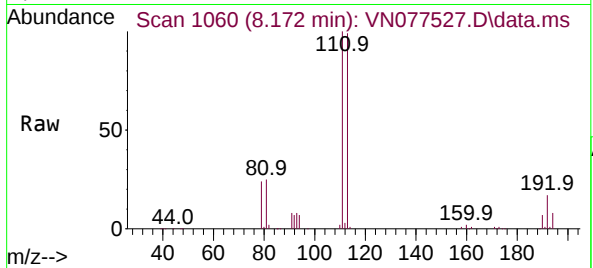




#35
Dibromofluoromethane
Concen: 50.915 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077527.D
Acq: 29 Apr 2023 18:29

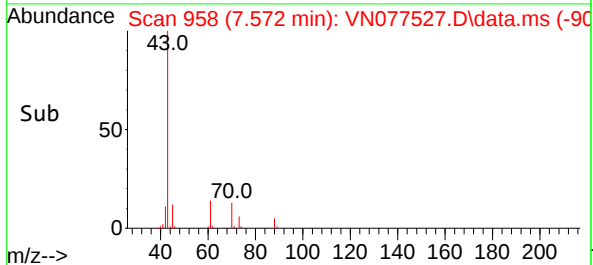
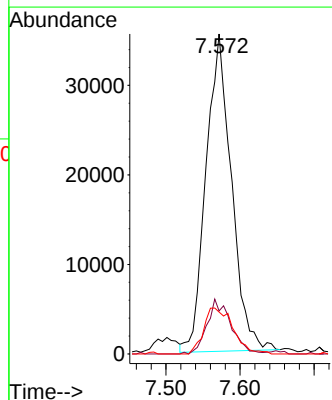
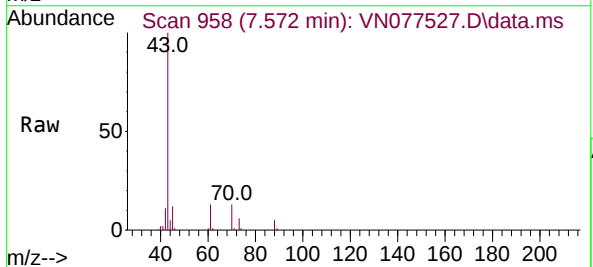
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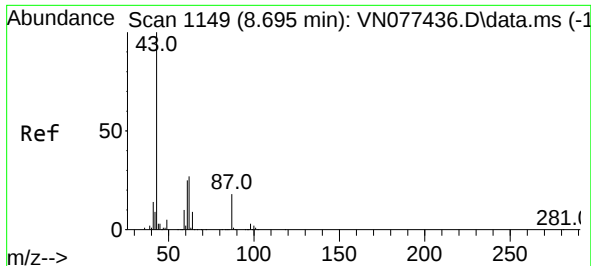
Tgt Ion:113 Resp: 347014
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 16.5 12.7 19.1



#37
Ethyl Acetate
Concen: 11.322 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077527.D
Acq: 29 Apr 2023 18:29

Tgt Ion: 43 Resp: 84715
Ion Ratio Lower Upper
43 100
61 16.2 13.2 19.8
70 16.7 11.3 16.9

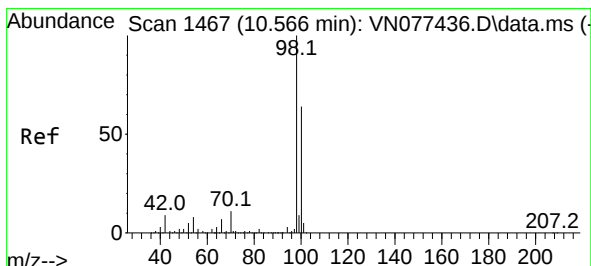
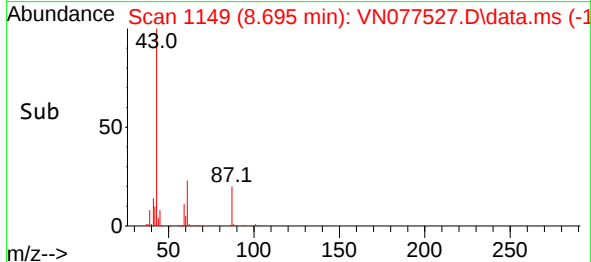
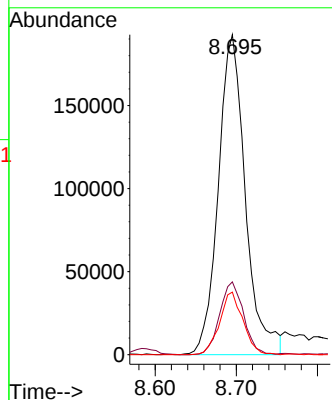
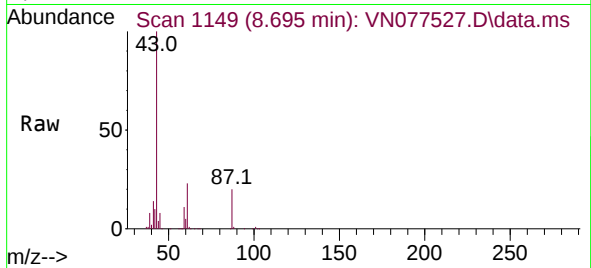




#43
Isopropyl Acetate
Concen: 34.473 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077527.D
Acq: 29 Apr 2023 18:29

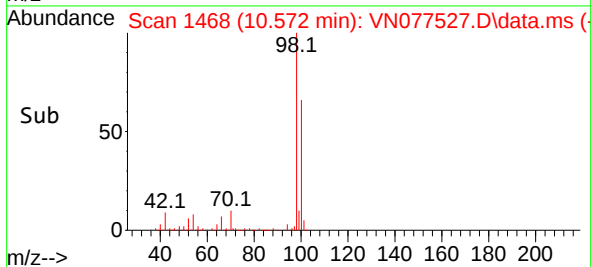
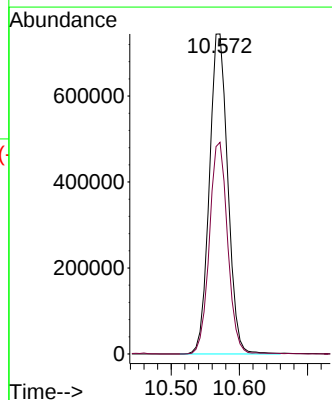
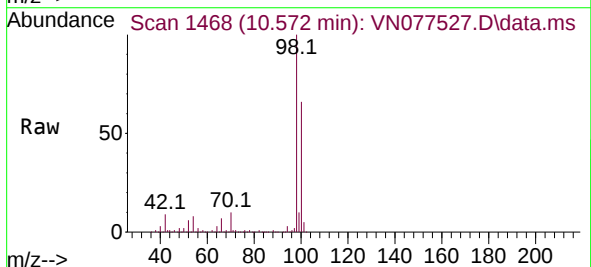
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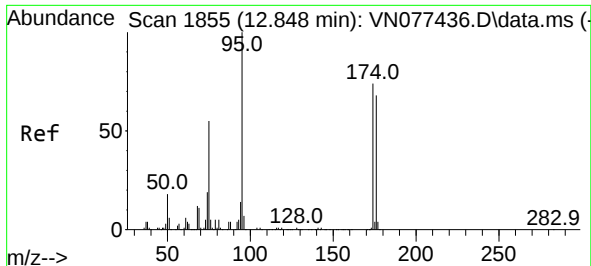
Tgt Ion: 43 Resp: 446218
Ion Ratio Lower Upper
43 100
61 20.1 24.7 37.1#
87 16.9 14.6 21.8



#50
Toluene-d8
Concen: 53.583 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077527.D
Acq: 29 Apr 2023 18:29

Tgt Ion: 98 Resp: 1399649
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

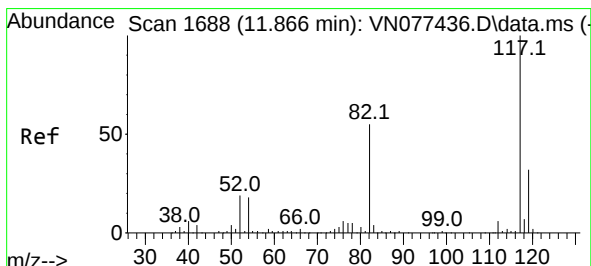
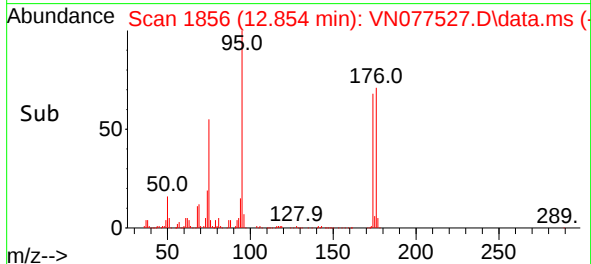
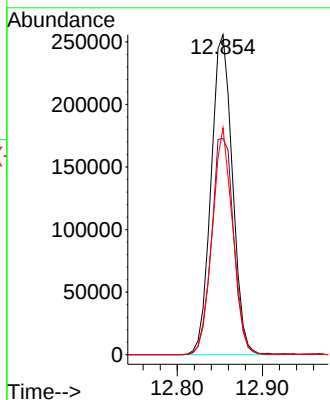
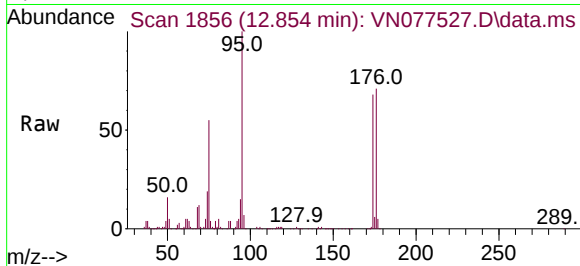




#62
4-Bromofluorobenzene
Concen: 52.033 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077527.D
Acq: 29 Apr 2023 18:29

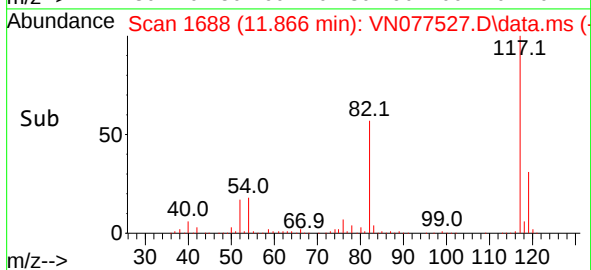
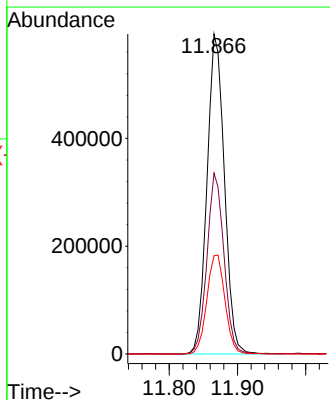
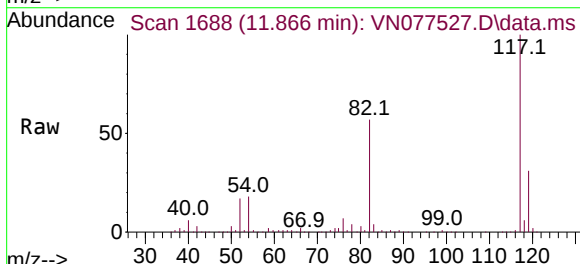
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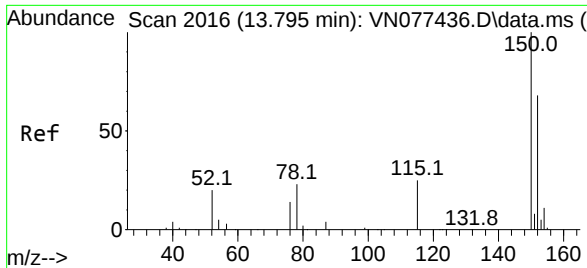
Tgt Ion: 95 Resp: 444681
Ion Ratio Lower Upper
95 100
174 70.4 0.0 143.8
176 68.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077527.D
Acq: 29 Apr 2023 18:29

Tgt Ion: 117 Resp: 1054125
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 30.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077527.D

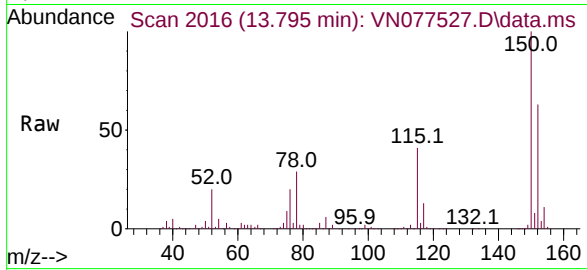
Acq: 29 Apr 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

TR-305A-VOC-01



Tgt Ion:152 Resp: 369544

Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 160.7 0.0 355.8

